

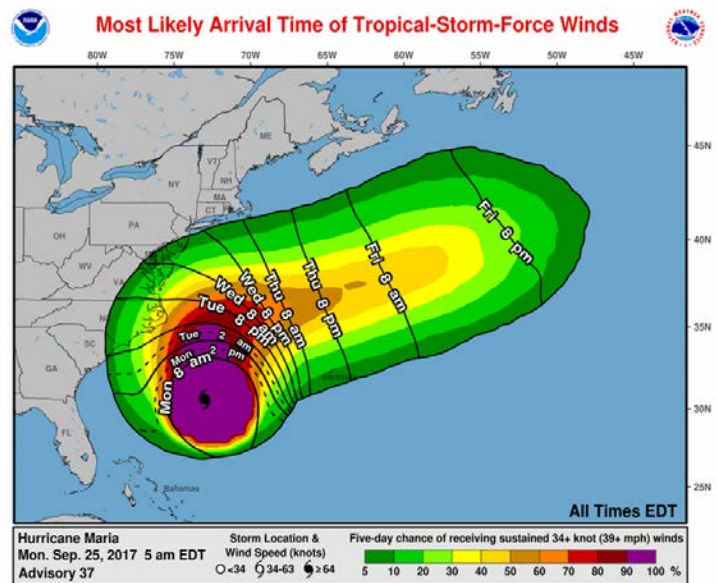
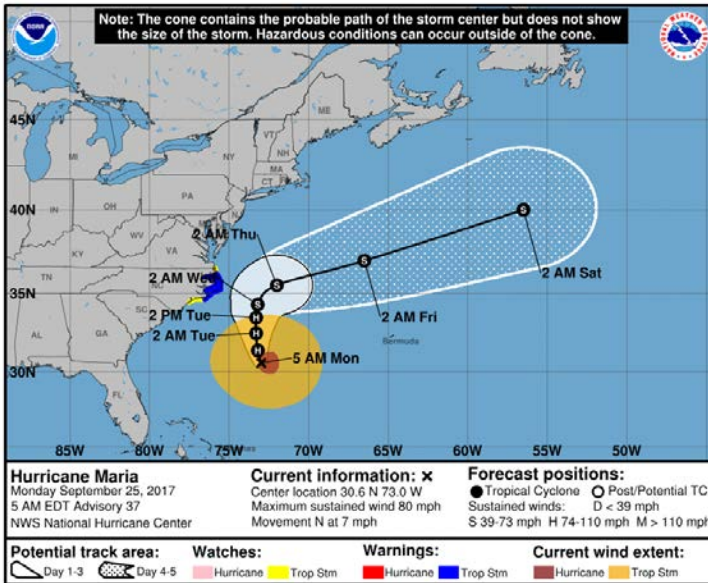
Senior Leadership Briefing and Recovery Snapshots

Hurricane Maria and Post-Tropical Cyclones Irma and Harvey

Monday, September 25, 2017 (5:00 a.m. EDT)
Updates in Blue

Current Situation:

At 5:00 AM EDT, Hurricane Maria was 350 miles south-southeast of Cape Hatteras, NC. Maximum sustained winds were 80 mph. Hurricane-force winds extend outward up to 70 miles from the center and tropical-storm-force winds extend outward up to 230 miles. The Hurricane may track less than 200 miles east of the Outer Banks Wednesday. Tropical storm force winds may begin impacting eastern North Carolina late today, and eastern Virginia and the Delmarva Tuesday into Wednesday. (NOAA Update, September 24, 2017, 5:00 a.m. EDT)



Storm Surge: Cape Lookout to Duck including the sound side of the Outer Banks; 2 to 4 feet at the time of high astronomical tides (12-2 am/pm Tue-Wed).

Wind: Tropical storm force winds are possible beginning late today.

Surf: Swells generated by Maria are increasing along the southeast U.S. coast and Mid-Atlantic.

Impact Summary:

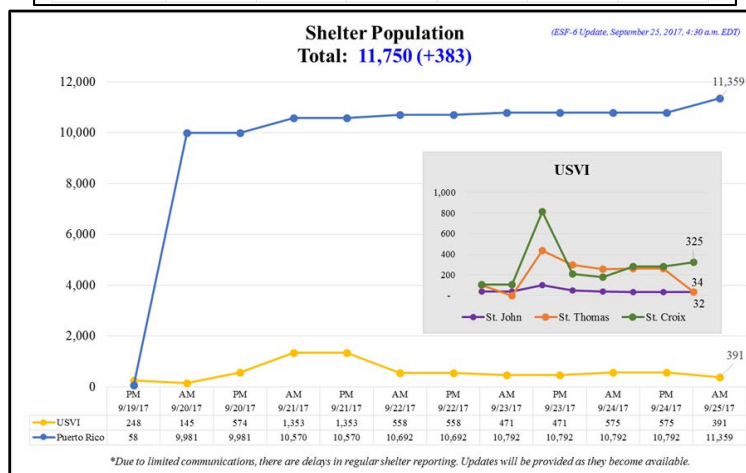
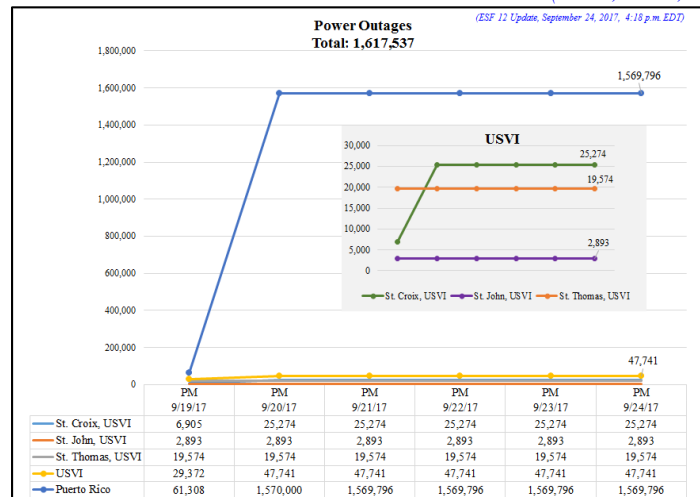
Population Impacts						
Territory	Confirmed Fatalities	Shelters / Population	Customer Power Outages	Hospitals	Evacuations and Curfews	Other
PR	6 confirmed	Shelters: 168 (-5) Pop: 11,359 (+567)	1.57 million (estimate)	23 of 69 hospitals reportedly in need of fuel	Curfew in effect 7pm to 6am through 9/24; health care workers, emergency officials, police, journalists and citizens who are dealing with an emergency situation are exempt	Public schools closed
USVI	No reports at this time	Shelters: 6 (-1) Pop: 391 (-184)	St. Thomas: 19,574 (99%) St. John: 2,893 (100%) St. Croix: 25,274 (90%)	Gov Juan F. Luis (St. Croix) and Schneider Hospital (St. Thomas) are re-energized, with mobile hospitals	St. Thomas and St. John: curfew is 6pm - 9am St. Croix remains at 24 hour, except for 12pm-4pm	Public schools remain closed
As of:	September 22 2:00 p.m.	September 25 4:00 a.m.	September 24 1:00 p.m.	September 25 5:11 a.m.	September 23 7:30 a.m.	September 23 8:30 a.m.

(ESF-8, ESF-12, ESF-6, HHS SitRep)

Infrastructure Impacts

Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
PR	San Juan: commercial flights require approved time slot prior to departure Additional status updates include: 7 open; 2 military air and hurricane relief; 1 closed	San Juan, Fajardo, Culebra, Vieques, Salinas, Guayama, Tallaboa open, daylight hours only Guayanilla Open with restrictions All other ports closed	Reliable status on September 25 or 26 Initial reports of at least 8 bridges damaged; 2 on major routes; 13 Road closures	Petroleum Terminals and Liquefied Natural Gas (LNG) Terminals in PR are closed	Water supply still awaiting assessment	Cell service in San Juan down 95.5% (-.01) of cell sites are out of service with 134 cell sites damaged and 1,640 out of service
USVI	St. Thomas: Temporary flight restriction; A contingency ramp has been established at Cyril E. King Airport to support disaster response and recovery thru 9/30 St. Croix: Military air and hurricane relief	St. Thomas Open with restrictions: East Gregerie Channel, West Gregerie Channel, Crown Bay, Redhook Bay St. John Open with restrictions: Cruz Bay St. Croix Open with restrictions: Krause Lagoon; Limetree Bay, Frederiksted All other ports closed	Communication challenges inhibiting assessments and reports of roads	Petroleum Terminals and Liquefied Natural Gas (LNG) Terminals in USVI are closed	St. Thomas: Two days emergency water supply available. Potable water service restored to all eastern communities; working to restore the west end. Voltage issues at Seven Seas water make water supply inconsistent St. John: Four days emergency water supply available. Potable water service available throughout St. Croix: Three days emergency water supply available. Crews working to restore damaged gages at Seven Seas water production plant, generators being installed to restore service	USVI: 61.3% (+7.6) of cell sites are out of service (St. Thomas 78.6% (-23.6) , St John 67% , and St. Croix 47.3% and or less of cell sites out of service)
As of:	September 24 11:11 p.m.	September 24 11:11 p.m.	September 24 11:11 p.m.	September 23 7:00 a.m.	September 24 10:26 a.m.	September 25 1:37 a.m.

(ESF-1, ESF-2, ESF-6, USCG, ESF-12, DOE Sit Rep Updates)



Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	54 municipalities	All	75%
	9/10: DR-4336	4 municipalities	27 municipalities	75%
USVI	9/20: DR-4340	St. Croix, St. John, St. Thomas	All	75%
	9/7: DR-4335	St. Thomas, St. John	All (Categories A-G)	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter; 75% (Cat C-G)

(FEMA Declarations Unit, September 24, 2017, 5:00 p.m. EDT)

Force Laydown:

Department/Agency	Puerto Rico	US Virgin Islands			Repositioned on CONUS*	Totals
		St. Croix	St. John	St. Thomas		
American Red Cross (ESF 6)	92	9	4	41	0	146
Army Corps of Engineers (ESF 3)	49	46	0	29	0	124
Civil Air Patrol (ESF 5)	34	**	**	**	0	34
Customs and Border Protection (ESF 5, 9 & 13)	52	**	**	**	0	52
Department of Agriculture (ESF 11)	0	0	0	0	0	0
Department of Defense Title 10	2,590	**	**	**	0	2,590
Department of Energy (ESF 12)	0	1	0	9	0	10
Department of the Interior (ESF 11)	144	15	31	0	0	190
Department of Transportation (ESF 1)	2	0	0	23	0	25
DHS – NPPD	11	6	0	4	0	21
Environmental Protection Agency (ESF 10)	6	1	0	0	20	27
Federal Law Enforcement (ESF 13)	192	0	0	0	0	192
FEMA Deployed	239	65	2	27	0	333
FEMA Urban Search & Rescue (ESF 9)	513	0	0	0	0	513
Forest Service (ESF 4)	0	0	0	0	0	0
General Services Administration (ESF 7)	6	0	0	0	0	6
Health and Human Services (ESF 8)	237	0	0	0	0	237
National Guard Bureau	1,354	3,073	***	***	0	4,427
National Weather Service - NOAA	26	0	0	0	0	26
Small Business Administration (ESF 6)	8	**	**	**	0	8
Transportation Security Administration (ESF 1)	46	6	0	7	0	59
United States Coast Guard (ESF 1, 5, 7, 9, 10, 13 & 15)	1,041	**	**	**	0	1,041
TOTALS	6,642	3,222	37	140	20	10,061

*Repositioned CONUS prior to storm; 20 now awaiting transport back to PR/USVI.

**Personnel supporting throughout PR and USVI

(Situational Awareness Info Analysis, September 25, 2017, 4:00 a.m. EDT)

FEMA Headquarters:

- National Response Coordination Center (NRCC) at Level I (Full Activation) with 24/7 operations
- National Incident Management Assistance Team (IMAT) East-2 at the San Juan Convention Center (NRCC Update, September 24, 2017, 5:00 p.m. EDT)
- Crisis Action Planning teams for Housing, Liquid Fuels, and Power Restoration operating 24/7 (NRCC Update, September 24, 2017, 8:30 a.m. EDT)
- Recovery**
 - Strategic Workforce Augmentation Team (SWAT) taking calls at three NPSCs, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 5,256 call center agents available to receive calls. (Recovery Contact Center Surge Staffing Timeline, September 24, 2017, 10:16 a.m. EDT)
 - Total IHP Registrations for Puerto Rico: 4,786 and USVI: 1,245 (Open Disaster IA Summary, September 24, 2017, 7:02 p.m. EDT; Pre-Processing and Referral Statistics, September 24, 2017, 1:35 p.m. EDT)
- Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	14 (+4)	4 (0)
II	USVI	28 (0)	10 (0)

(EMAC Sit Rep #64, September 24, 2017, 8:00 p.m. EDT)

FEMA Region II

- Region II RRCC at Steady State; some RRCC staff supporting NRCC operations
- FEMA Region II IMAT in St. Croix, USVI; Region X IMAT on TS Kennedy en route to St. Thomas and scheduled to arrive September 27 *(FOD Update, September 24, 2017, 5:00 p.m. EDT)*
- **Puerto Rico:**
 - EOC at Full Activation with limited operations, EOC remains on generator power and has no cell service
 - FCO is Alejandro De La Campa *(RII Update, September 24, 2017, 10:33 a.m. EDT)*
- **U.S. Virgin Islands:**
 - Virgin Islands Territorial Emergency Management Agency (VITEMA) EOCs on each island at Full Activation
 - St. Thomas EOC: USVI IOF is at VITEMA EOC on St. Thomas. Generator at EOC down; satellite communications system not operating, cellular services spotty *(IOF Update, September 22, 2017, 4:24 p.m. EDT)*
 - St. Croix EOC: EOC has regained generator power but cell coverage remains down in the area and the secondary IOF at the Carambola Resort; Federal Coordinating Officer (FCO) William Vogel on site in St. Croix *(RII Update, September 23, 2017, 10:33 a.m. EDT)*

Interagency Coordination/Response:

- **ESF-1: Transportation**
 - PR
 - Airports:
 - Two failed generators serving San Juan Combined Center/Radar Approach Control, causing a decline in SJU arrival and departure flights since September 23; ESF-1 [working](#) with NORTHCOM to secure delivery of replacement generators *(ESF-1 Update, September 24 2017, 3:30 p.m. EDT)*
 - [Commercial flights into SJU airport require approved time slot prior to departure causing delays](#) *(ESF-1 Update, September 25 2017, 1:16 p.m. EDT)*
 - Roads:
 - [Aerial and satellite imagery of impacted transportation infrastructure conducted with Federal partners will be complete by September 25](#)
 - PR Department of Transportation and Public Works (DTOP) reports 1,072 incidents of downed power lines, downed trees, and other debris
 - [No working traffic signals due to power issues throughout the island](#) *(ESF-1 Update, September 25 2017, 1:16 a.m. EDT)*
 - Current road closures in effect for sections of PR-1, PR-2, PR-3, PR-10, PR-23, PR-25, PR-26, PR-30, PR-52, PR-53, PR-145, PR-156, PR-167, PR-177, PR-957 *(ESF-1 Update, September 24, 2017, 3:00 p.m. EDT)*
 - Eight bridges damaged from initial reports; [two](#) on major routes: PR-2, PR-52 *(ESF-1 Update, September 25 2017, 1:16 p.m. EDT)*
 - PR-52: Lanes closed Southbound in Ponce; detours in place until crossover can be built
 - PR-2: Closed in Toa Baja (over the La Plata River); 3-mile detour in place
 - [Military clearing PR-3 from the west, by DTOP contractors from the east; PR-53 is next priority](#)
 - [PR-2 at risk of landslides in Aguado area – one lane open](#)
 - Ports:
 - [Conducting surveys for Mayaguez and Arecibo](#) *(USCG Update, September 24 2017, 8:17 p.m. EDT)*
 - USVI
 - TRANSCOM established airfield opening capabilities at St. Croix and St. Thomas *(DoD Update, September 24, 2017, 2:19 p.m. EDT)*
 - Numerous routes partially closed on St. Thomas, St. John, and St. Croix, with single lane alternating traffic due to debris
 - St. Thomas:
 - Mobile Air Traffic Control Tower operational, daylight hours *(ESF-1 Update, September 24 2017, 5:40 p.m. EDT)*
 - VIWAPA providing electrical service to Cyril E. King Airport *(DOE SITREP #56, September 24, 2017, 10:11 a.m. EDT)*
- **ESF-2: Communications**
 - 350 satellite phones requested; FEMA is sourcing 100 phones for USVI and 250 for PR; [104 activated phones en route to PR September 25](#) *(ESF-2 Update, September 24, 2017, 12:16 a.m. EDT)*

- PR
 - One telecom carrier cellular phone coverage around San Juan airport restored; providing unrestricted roaming capabilities to other telecom carriers to increase service to users in the area *(ESF-2 Update, September 24, 2017, 12:16 a.m. EDT)*
 - Multiple commercial flights with commercial technicians and equipment started transporting and arriving September 23 *(ESF-2 Update, September 24, 2017, 12:16 a.m. EDT)*
 - Public Safety Answer Points (PSAPs) are on generator power and operational; minimal calls into 9-1-1 *(ESF-2 Update, September 23 2017, 2:01 p.m. EDT)*
 - Three Mobile Emergency Response Support (MERS) teams staged at Kelly AFB, TX awaiting departure; departure date unknown *(ESF-2 Update, September 24, 2017, 12:26 p.m. EDT)*
- USVI
 - PSAPs non-operational; repairs limited due to site access and security arrangements *(ESF-2 Update, September 24, 2017, 12:16 a.m. EDT)*
 - St. Thomas
 - One MERS team with equipment assisting federal forces, IMAT, USAR, and first responders
 - One additional MERS team arrived September 24 *(ESF-2 Update, September 24, 2017, 12:16 a.m. EDT)*
 - St. Croix
 - One communications team with an Mobile Emergency Operations Vehicle is staged at Dobbins AFB, GA; scheduled to fly to St. Croix September 26 *(ESF-2 Update, September 24, 2017, 12:16 a.m. EDT)*
- **ESF-3: Public Works and Engineering**
 - PR
 - Initial estimates determined approximately 26,500 roofs damaged; U.S. Army Corps of Engineers (USACE) personnel assigned and pending transportation
 - 23 of 28 generator Pre-Installation Inspections completed; 22 of 26 generator assessments completed
 - 84 generators on hand
 - Guajataca Dam assessments completed by two USACE Safety Dam engineers; determined to be at risk of failure; coordination and corrective actions efforts being discussed
 - Local officials and FEMA personnel expressed the desire for USACE to inspect other dams around the island *(ESF-3 Update, September 25, 2017, 1:45 a.m. EDT)*
 - USACE crews expecting to move from San Juan Harbor to Arecibo Harbor September 25 *(ESF-3 Update, September 23, 2017, 10:30 a.m. EDT)*
 - USVI
 - EPA Critical Water Assessment Team arrived September 24 to address drinking water needs and conduct wastewater assessments at facilities that service hospitals
 - There will be two power-supplied labs: one in St. Thomas (supplied with a functioning generator) and one in St. Croix (pending generator installation) *(ESF-3 Update September 24, 2017, 9:30 p.m. EDT)*
 - 128 Generator Pre-Installations inspections requested; 83 completed; 8 generators installed *(ESF-3 Update, September 25, 2017, 1:45 a.m. EDT)*
 - EPA issued emergency waiver under Safe Drinking Water Act (provides direction on clean drinking water supply and permits civilian population using Department of Defense treated water, contingent on chlorination or boiling) *(EPA Update, September 23, 2017, 5:30 p.m. EDT)*
 - St. Thomas:
 - Blue Roof Mission: contractor installed first blue roof, collected 24 Right of Entry agreements, and prepared work orders for all 24 requests *(Region II SitRep, September 24, 2017, 10:09 p.m. EDT)*
 - Plant electricians worked to install electrical service to St Thomas Seven Seas water production plant; water distribution crews commissioning generators to help western communities
 - Debris removal operations estimated to begin October 1 *(ESF-3 Update, September 24, 2017, 12:27 p.m. EDT)*
 - EPA liaison coordinating with USACE counterparts to deliver appropriate generator to Ocean Systems Laboratory for water quality testing *(Incident Status Summary, September 23, 2017, 8:00 p.m. EDT)*
 - St. Croix:
 - Blue Roof Mission: the roofing mission estimated at 5,000 homes; coordinating roofing personnel moving from STX to STT *(Region II SitRep, September 24, 2017, 10:09 p.m. EDT)*

- Virgin Islands Department of Public Works began collection and disposal of garbage build up caused by a downed power line in front of the St. Croix waste management disposal site *(Region II USVI SitRep, September 24, 2017, 12:03 a.m. EDT)*
 - Crews working to restore damaged gauges at St. Croix Seven Seas water plant, and generators being installed to restore continuous service
 - 27 generators on hand; 58 projected to be delivered to St. Croix **when transportation is available** *(ESF-3 Update, September 25, 2017, 3:17 a.m. EDT)*
- **ESF-4: Firefighting**
 - PR
 - 24 two-person chainsaw teams received mission assignment to conduct emergency road clearing missions; scheduled to depart Harrisburg, PA September 26 on charter *(ESF-4 Update, September 24, 2017, 3:09 p.m. EDT)*
 - FDNY Incident Management Team (IMT) assigned to provide command, control and coordination of resources and provide firefighting capability assessment of local resources; **scheduled to depart 3:00 p.m. September 25 on commercial flight** *(ESF-4 Update, September 24, 2017, 11:57 p.m. EDT)*
 - USVI
 - One National Incident Management Organization IMT in Atlanta, GA will go to St. Thomas, USVI EOC; currently awaiting transportation *(ESF-4 Update, September 24, 2017, 1:15 p.m. EDT)*
- **ESF-5: Information and Planning**
 - National Geodetic Survey (NGS) aircraft completed aerial imagery of St. Croix September 23 and the survey of Vieques and Culebra; NOAA is reviewing the imagery for debris and damaged vessels along shorelines and waterways *(NOAA Update, September 24, 2017, 1:04 p.m. EDT)*
 - Civil Air Patrol aircraft sorties focusing on Ponce and Mayaguez; imagery upload delayed by slow connection speed; alternatives are being explored *(DoD Update, September 25, 2017, 1:50 a.m. EDT)*
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
 - **Feeding Plan developed for USVI and PR to provide 2 meals per person per day (6M meals per day for PR, 210,000 meals per day for USVI)** *(ESF-6 Update, September 25, 2017, 1:11 a.m. EDT)*
 - Working with private industry to determine how to support this plan, and Voluntary Organizations Active in Disasters on distribution *(ESF-6 Update, September 24, 2017, 2:17 a.m. EDT)*
 - **FEMA HQ working with the Voluntary Agency Liaison (VAL) to support the movement of resources for non-governmental partners in the field**
 - American Red Cross (ARC) has 100 personnel awaiting transportation to PR and VI to continue the distribution of emergency supplies; delays in arrival are impacting distribution bandwidth *(ARC Update, September 25, 2017, 1:11 a.m. EDT)*
 - Salvation Army working on getting disaster personnel into PR and USVI and establishing access to food for PR or USVI; bridging the gap by partnering with Samaritan's Purse to get flights out of Greensboro, NC by September 28 *(ESF-6 Update, September 24, 2017, 2:17 p.m. EDT)*
 - PR
 - **FEMA's Initial Operating Facility in PR adding fuel supply to shelters running on generators to their priority list** *(ESF-6 Update, September 25, 2017, 1:11 a.m. EDT)*
 - **ARC is building capacity on PR to support sheltering responsibilities for 20,000 people, when requested** *(ARC Update, September 25, 2017, 1:11 a.m. EDT)*
 - Salvation Army and Southern Baptist feeding stations increased commitment to 100,000 meals per day *(ESF-6 Update, September 23, 2017, 2:39 p.m. EDT)*
 - **Working with field staff to establish a plan in lieu of standard registration processes in areas affected by communications outages. This plan will be executed by September** *(ESF-6 Update, September 25, 2017, 1:11 a.m. EDT)*
 - USVI
 - ARC will provide personal assistance services, immediate financial assistance, and renal diet to the St. Croix dialysis patients arriving in Atlanta
 - Coordinating efforts to deploy additional disaster feeding kitchens to St. Croix and Saint Thomas
 - Alabama Airlift Kitchen has set sail for St. Thomas
 - ARC served the last contracted hot meals on St. Croix on September 24; Department of Education will continue feeding operations at shelters

- Considering alternative feeding options and identified operating food wholesaler, whom may be able to resupply voluntary organizations' kitchens and restaurants
- 14,000 ARC Virgin Island Disaster Assistance kits (beans, rice, insect repellent, first aid kits, tarps) en route via ship; estimated arrival September 27 *(ESF-6 Update, September 23, 2017, 3:59 p.m. EDT)*
- One Southern Baptist Disaster Relief kitchen en route to St. Thomas; arriving October 1; presently five mobile kitchens with a capacity of 80,000 meals per day available *(ESF-6 Update, September 24, 2017, 2:17 p.m. EDT)*
- **ESF-7: Logistics Management and Resource Support**
 - PR:
 - 12 National Guard Armories throughout the island will serve as points of distribution (PODS)
 - Field staff conducted inspections of potential responder camps, regional staging area, and responder fuel distribution sites *(RII Sit Rep, September 23, 2017, 7:30 p.m. EDT)*
 - La Reina (30 containers of relief cargo) scheduled to arrive September 25 *(ESF-7 Update, September 25, 2017, 4:00 a.m. EDT)*
 - Puerto Rico Emergency Management Agency (PREMA) has requested seven Points of Distribution (POD) drops in the following municipalities: Ponce, Aguadilla, Bayamon, Canovanas, Arecibo, Mayaguez and Utuado; commodities will be delivered to pre-identified City Hall locations and will consist of water and meals *(Region II SitRep, September 24, 2017, 7:30 p.m. EDT)*
 - USVI:
 - Five PODs will be open in St. Croix September 25
 - Scheduled to arrive in St. Croix September 25
 - 200,000 meals and 144,000 liters of water via four C-17s
 - C-17 with Mobile Emergency Response System via C-17
 - Two 727s with tarps (number to be determined by ship load)
 - A 767 with meals (number to be determined by ship load) *(ESF-7 Update, September 25, 2017, 4:00 a.m. EDT)*
 - All GSA owned and leased properties in USVI and PR are closed *(ESF-7 Update, September 24, 2017, 1:33 p.m. EDT)*
 - Responder Lodging *(Interagency VTC, September 24, 2017, 12:30 p.m. EDT)*

Vessel	Status	Destination Port	Arrival Date	Beds
TS Kennedy	En route	USVI: St. Thomas	9/27/17	600
SS Wright	Docked	USVI: St. Thomas	9/24/17	315
Ocean Carrier	En route	USVI: St. Thomas	9/26/17	123
MDD Passenger	En route	USVI: St. Thomas	10/2/2017	1,808
Grand Celebration	Docked	USVI: St. Croix	9/24/17	1,900
Rhapsody	En route	PR	10/3/17	2,200
TS Empire State	En route	PR	TBD	600
MDD 2000	En route	PR	10/3/17	2,000
MDD 302	En route	PR	9/28/17	302
Ocean Constructor	En route	USVI: St. John	9/29/17	196

- Total vessel housing capacity, both docked and en route, PR: 5,102 USVI: St. Thomas: 2,846 St. Croix: 1,900 St. John: 126
- PR additional housing capacity at the Convention Center Responder Support Camp with 200 cots and additional 100 cots expected on September 25
- **ESF-8: Public Health and Medical Services**
 - PR:
 - Three Disaster Management Assessment Teams (DMATs) scheduled to depart September 25
 - Power restored to Centro Medico Hospital (DMAT Base of Operations for critical and acute care services) in San Juan and San Pablo Hospital in Bayamón
 - Fuel was provided the following hospitals: Ashford Presbyterian, Pavia Santurce, Pavia Hato Rey, San Francisco, and Clinica Metro Pavia *(Region II SitRep, September 24, 2017, 7:30 p.m. EDT)*
 - One Incident Response Coordination Team, four Health and Medical Task Forces (from DMATs), and one Service Access Team staged in San Juan *(ESF-8 Update, September 24, 2017, 1:32 p.m. EDT)*
 - PR Department of Health provided list of hospital fuel needs; 23 out of 69 prioritized
 - USVI:
 - St. Thomas: Mobile hospital at Schneider Regional Medical Center re-established *(Region II SitRep, September 24, 2017, 7:30 p.m. EDT)*

- St. Croix:
 - St. Croix dialysis patients and their caregivers prioritized for medical evacuation departed on two flights September 24; FEMA is providing hotel lodging for the remaining patients and wrap-around services are being provided by the American Red Cross until additional movement can be coordinated
 - DoD flight carrying 20 medical surge and 4 critical care patients left St. Croix September 24 *(HHS and ARC Update, September 25, 2017, 1:25 a.m. EDT)*
 - Full assessment of Juan Luis on-going; need for mobile hospital to be determined *(ESF-8 Update, September 25, 2017, 1:25 a.m. EDT)*
- **ESF-9: Search and Rescue**
 - USCG Search and Rescue (SAR) saved or assisted 15 individuals *(USCG Update, September 24, 2017, 1:59 p.m. EDT)*
 - FEMA Urban Search and Rescue (US&R) saved or assisted 516 individuals *(ESF-9, September 25, 2017, 12:31 a.m. EDT)*
 - USCG SAR radio communications towers remain inoperable, with the exception of St. Thomas, which is partially mission capable; nine USCG cutters (three helicopter-capable) are operating in the vicinity of USVI and PR, working with several CBP P-3s providing Command and Control, SAR coverage, and monitoring distress communications *(USCG Update, September 24, 2017, 1:59 p.m. EDT)*
 - PR:
 - USCG, DoD, and CPB aircraft conducting search and rescue and post-storm surveys *(USCG Update, September 24, 2017, 1:59 p.m. EDT)*
 - SAR operations ongoing in:
 - East PR: SAR and aerial reconnaissance operations in the Cities of Coamo, Carolina, Loiza, and islands of Culebra and Vieques
 - Central PR: Ground operations focused on interior secondary and tertiary roads; attempting to make contact with local EOCs, hospitals and PREMA Regional Offices
 - West PR: operations include reconnaissance and contacting local officials in San German, Cabo Rojo, Mayaguez, and Quebradillas; reconnaissance operations in Quebradillas not possible due to deep water, teams re-visiting the area September 25 *(ESF-9, September 25, 2017, 12:31 a.m. EDT)*
 - USVI
 - SAR operations concluded on St. Croix; personnel will travel to San Juan September 25 to reconstitute their team; demobilization expected within next 24 hours *(ESF-9 Update, September 25, 2017, 1:11 a.m. EDT)*
- **ESF-10: Oil and Hazardous Material Response**
 - National Strike Force (NSF) integrated in all branches established in St. Thomas and St. Croix to commence post-storm assessment and recovery operations; 13 NSF personnel will stage in Miami, FL and two in Clearwater, FL September 25 to await transport to PR and USVI on first available flight *(USCG Update, September 24, 2017, 1:59 p.m. EDT)*
 - PR:
 - EPA will not pursue enforcement actions for certain violations of the Clean Air Act for mobile power generators imported for use in PR not certified to meet U.S. pollution control standards; waiver will remain in effect until January 31, 2018 *(ESF-10, September 24, 2017, 1:40 p.m. EDT)*
 - USVI:
 - Twenty EPA oil and hazardous materials assessment personnel awaiting transport to the USVI from Atlanta; no estimated time of arrival due to higher priorities in queue *(ESF-10, September 24, 2017, 11:55 a.m. EDT)*
- **ESF-11: Agriculture and Natural Resources**
 - Animal Assessment Teams (21 nongovernmental organization personnel) staging in Atlanta, GA for deployment, will arrive in PR and USVI as early as September 27 *(ESF-11-Update, September 25, 2017, 1:43 a.m. EDT)*
 - Food Safety and Inspection Service reports all 84 regulated meat, poultry and processed egg products facilities are closed due to loss of power *(ESF-11 Update, September 24, 2017, 10:50 a.m. EDT)*
- **ESF-12: Energy**
 - PR
 - Two additional ESF-12 responders joined the PR IMAT team on September 25 *(ESF-12 Update, September 25, 2017, 12:00 a.m. EDT)*
 - PR Electric Power Authority (PREPA) will resume normal work operations September 25 but reports that only 20% of its workforce is available; PREPA completed 35% of initial damage assessments and

found that 80% of transmission and distribution infrastructure assessed have significant damage (DOE SITREP #56, September 24, 2017, 10:11 a.m. EDT)

- No issues with amount of fuel in PR; 19.8M gallons of fuel is available at the Puma Distribution Center near San Juan but there are issues with the distribution of the fuel due to debris and road access and lack of power in gas stations (NRCC SA Briefing, September 24, 2017, 1:00 p.m. EDT)
- Pipeline of Puerto Rico jet fuel line which supplies the San Juan International Airport (SJU) remains shut-in; damage assessments of their Cantano Pump Station facility revealed no damage to the aboveground pipeline system and there is no commercial power; [backup generator for the pipeline has 1 day of diesel fuel remaining](#) (ESF-12 Update, September 25, 2017, 12:00 a.m. EDT)
- Fueling piers open for daylight loading only (USCG, September 24, 2017, 2:34 p.m. EDT)
- [Fossil Fuels, a DLA contractor, sending 100 fuel trucks with 275,000 gallons of diesel and 75,000 gallons of Mogas via barge to PR on September 26; expected arrival in PR is October 2](#)
- USVI:
 - [Nine buckets trucks are scheduled to ship September 28 to the USVI; arrival expected October 1](#)
 - [1,300 additional poles are expected to arrive in the USVI; half of the poles shipped September 23 to arrive September 26; other half will ship September 26 and arrive September 29](#)
 - [Fuel status in USVI \(St. Croix, St. Thomas, and St. John\) is critical. Communication and support to multiple companies, combined with extensive damage contributes to fuel distribution challenges; better coordination efforts are underway](#) (ESF-12 Update, September 25, 2017, 12:00 a.m. EDT)
 - [Western Area Power Administration \(WAPA\) personnel is coordinating efforts to support USVI Water and Power Administration; WAPA has 10 trucks plus equipment en route September 28](#) (ESF-12 Update, September 25, 2017, 12:00 a.m. EDT)
 - Tri Island, the largest fuel distributor for USVI, has on hand 15,000 gallons of premium gasoline, 20,000 gallons of regular gasoline, and no diesel
 - [Tri Island has a fuel order estimated to October 1 for 40,000 gallons of regular gasoline and 80,000 gallons of diesel; gas rationing is occurring on the island in the meantime. Fuel is being mostly used by shelters, critical facilities and responders](#) (ESF-12 Update, September 24, 2017, 11:28a.m. EDT)
 - St. Thomas: limited electricity distribution with a portion of five feeders partially energized
 - [One additional IMAT team member has been placed in St. Croix September 25](#) (ESF-12 Update, September 25, 2017, 12:00 a.m. EDT)
 - St. Croix: Portions of two additional feeders energized September 23; these feeders are in addition to the electrical service being provided to the Juan Luis Hospital and the Henry E. Rohlsen Airport; crews will continue to work over the coming days on re-energizing more areas in downtown Christiansted and in Frederiksted (ESF-12 Update, September 24 2017, 11:28 a.m. EDT)
- **ESF-13: Public Safety and Security**
 - PR
 - [Six Quick Response Teams \(QRTs\) conducting security and protection missions for ESF-8 and ESF-9](#)
 - [One QRT assisting with security at Metropolitan Detention Center in Guaynabo, PR](#) (ESF-13 Update, September 25, 2017, 1:24 a.m. EDT)
 - USVI
 - [Two QRTs and personnel from the Federal Protective Service \(FPS\) providing security for responder housing in St. Thomas \(SS Wright\) and St. Croix \(Grand Celebration cruise ship\)](#) (ESF-13 Update, September 25, 2017, 1:24 a.m. EDT)
 - [Additional FPS personnel providing security support at VITEMA EOC/FEMA IOF on St. Croix](#) (FPS Update, September 24, 2017, 12:09 p.m. EDT)
- **ESF-15: External Affairs**
 - [Civil Authority Information Support staff re-deployed to St. Thomas and St. Croix to continue messaging by loud speaker in areas without power and connectivity](#)
 - [Joint Information Center personnel conducted call-outs to radio stations in St. Croix and St. Thomas to correct misinformation and provide registration messaging](#) (Region II SitRep, September 24, 2017, 10:09 p.m. EDT)
- **U.S Department of Defense (DoD)**
 - U.S. Northern Command (USNORTHCOM)

- Army Area Support Medical Company, Air Force Ground Surgical Team, and Civil Authority Information Support Element [expected to be operational near Schneider Regional Medical Center by end of day September 25](#) (DoD Update, September 25, 2017, 1:54 a.m. EDT)
- DoD engineers MEU and USAR are conducting debris clearance on USVI (DoD Update, September 24, 2017, 2:19 p.m. EDT)
- U.S. Transportation Command (USTRANSCOM)
 - [Additional logistics teams deployed to PR to increase cargo throughput](#)
 - [TRANSCOM postured to conduct three air evacuation missions a day through next week; need notification the night prior to patient move](#) (DoD Update, September 25, 2017, 1:54 a.m. EDT)
- **Defense Logistics Agency (DLA)**
 - 103 DLA leased generators being pushed forward in support of PR and USVI
 - Continuing to distribute three million meals ready to eat to Jacksonville, FL, delivering 500,000 per day
 - Providing tents, cots, tables, and chairs to support USACE mission (DoD Update, September 24, 2017, 5:00 p.m. EDT)
- Civil Air Patrol (CAP)
 - [Fueling of CAP aircraft hampered by vendor requirement to pay in cash; pilots utilizing ATMs to withdraw cash for payment](#) (DoD Update, September 25, 2017, 1:54 a.m. EDT)
- **National Guard Bureau (NGB)**
 - PR:
 - [11 NGB aircraft en route September 25](#) (NGB Update, September 25, 2017, 4:38 a.m. EDT)
 - NGB Joint Enabling Team arrived to assist in conducting post landfall assessments and coordinate ground SAR missions
 - Coordinating priorities for route clearance to allow transport of personnel, equipment, and supplies
 - Communications established with PR Joint Operation Center (NGB Update, September 24, 2017, 2:16 p.m. EDT)
 - USVI:
 - National Guard military police will arrive September 25 to support security efforts (NGB Update, September 24, 2017, 2:16 p.m. EDT)
 - [10 flights carrying 300 personnel and equipment under Title 32 authority scheduled to depart for St. Croix September 25](#) (NGBCC LNO, MAJ Boyd Telecon, September 25, 2017, 12:15 a.m. EDT)
- **U.S. Coast Guard (USCG)**
 - Nine USCG cutters operating in PR and USVI waters to conduct search and rescue, law enforcement, provide security and communications capabilities, and deliver humanitarian and disaster relief supplies
 - Delivered life sustaining supplies to Coral Bay, St. John, Vieques, Fajardo, Culebra and PR
 - Two USCG heavy-lift buoy tenders, equipped with oil skimming and recovery equipment, will arrive in PR and USVI on September 25 and September 26
 - USCG Mobile Communication Vehicles arrived in PR (San Juan and Borinquen), providing communications support to USCG Air Station and Sector commands (USCG Update, September 24, 2017, 8:16 p.m. EDT)
- **U.S. Customs and Border Protection (CBP)**
 - CBP Air-Marine Branch has flown 14 cumulative missions and assisted with transport of personnel and commodities, reconnaissance, and search and rescue operations in PR
 - CBP Air-Marine Operations is scheduled to start flights into Aguadilla, PR beginning September 24 delivering water, meals-ready-to-eat, and supplies (CBP Update, September 24, 2017, 11:03 a.m. EDT)
- **U.S. Department of the Interior (DOI)**
 - PR:
 - Fish and Wildlife Service (FWS) Office of Law Enforcement team assisting Secret Service in joint operation conducting employee checks and accountability for both agencies in [Aguadilla, PR; team recommended a need to increase Law Enforcement personnel and rotary aircraft to aid in employee accountability and welfare checks](#) (DOI Sit Rep, September 24, 2017, 1:54 p.m. EDT)
 - FWS combining two teams into one Type 3 IMT (11 law enforcement personnel) to provide POD security; team is delayed in Atlanta, GA and working to rebook on FEMA charter flight to depart September 25 (DOI Sit Rep, September 24, 2017, 1:54 p.m. EDT)
 - USVI: DOI Incident Management Team (IMT) planning transport of supplies from FL to St. John via boat; [estimated arrival of food, water, generators and fuel to San Juan is September 28](#) (DOI Sit Rep, September 24, 2017, 1:54 p.m. EDT)

Commodities Tables*

- The following commodities have been ordered by and shipped to the USVI and PR

Puerto Rico and U.S. Virgin Islands Combined

Product Class	Total Items Shipped to Territory
Commodities Used in Sheltering Items and Services (CUSI)	15
Cots	3,357
Generators	4
Hygiene	1
Meals	1,617,241
Sheeting	15,192
Tarps	13,272
Water	698,570

Puerto Rico

PR	Ordered Qty	Shipped to Territory Qty
Cots	2,650	3,057
Generators	6	4
Water	3,600	3,600

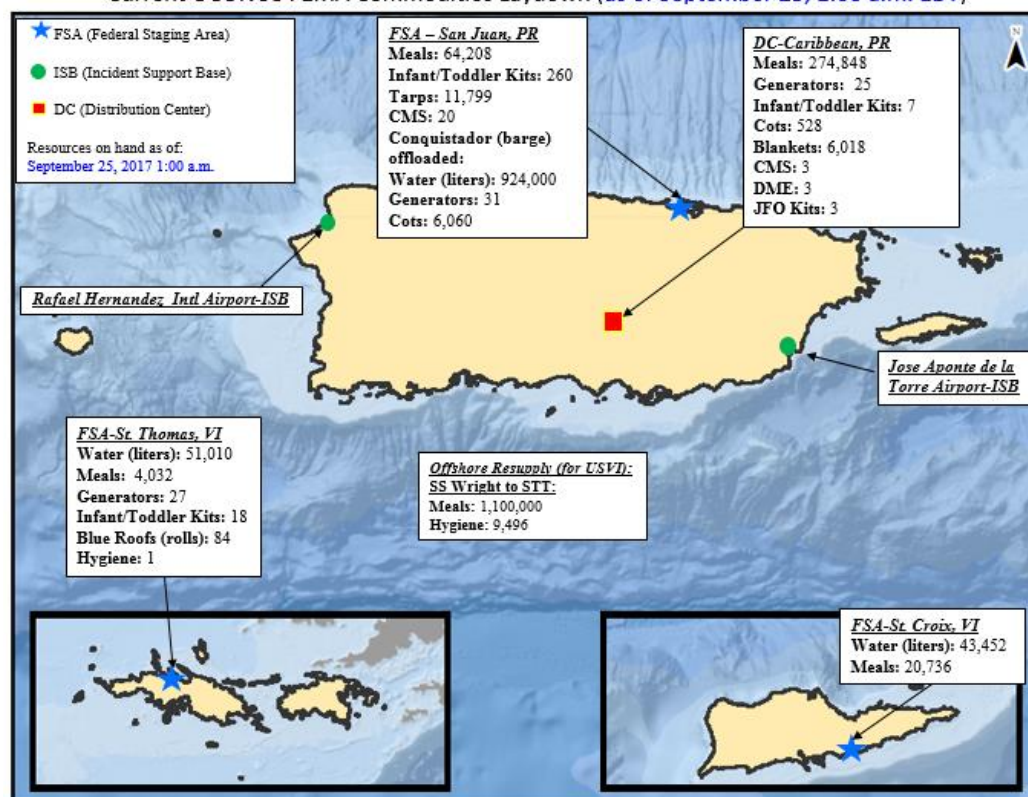
U.S. Virgin Islands

USVI	Ordered Qty	Shipped to Territory Qty
CUSI	58	15
Cots	510	300
Generators	29	0
Hygiene	0	1
Meals	2,152,924	1,617,241
Sheeting	135,056	15,192
Tarps	0	13,272
Water	321,500	694,970
Pet care supplies	1,837	0

(ESF-7 Update, September 25, 2017 1:00 a.m. EDT)

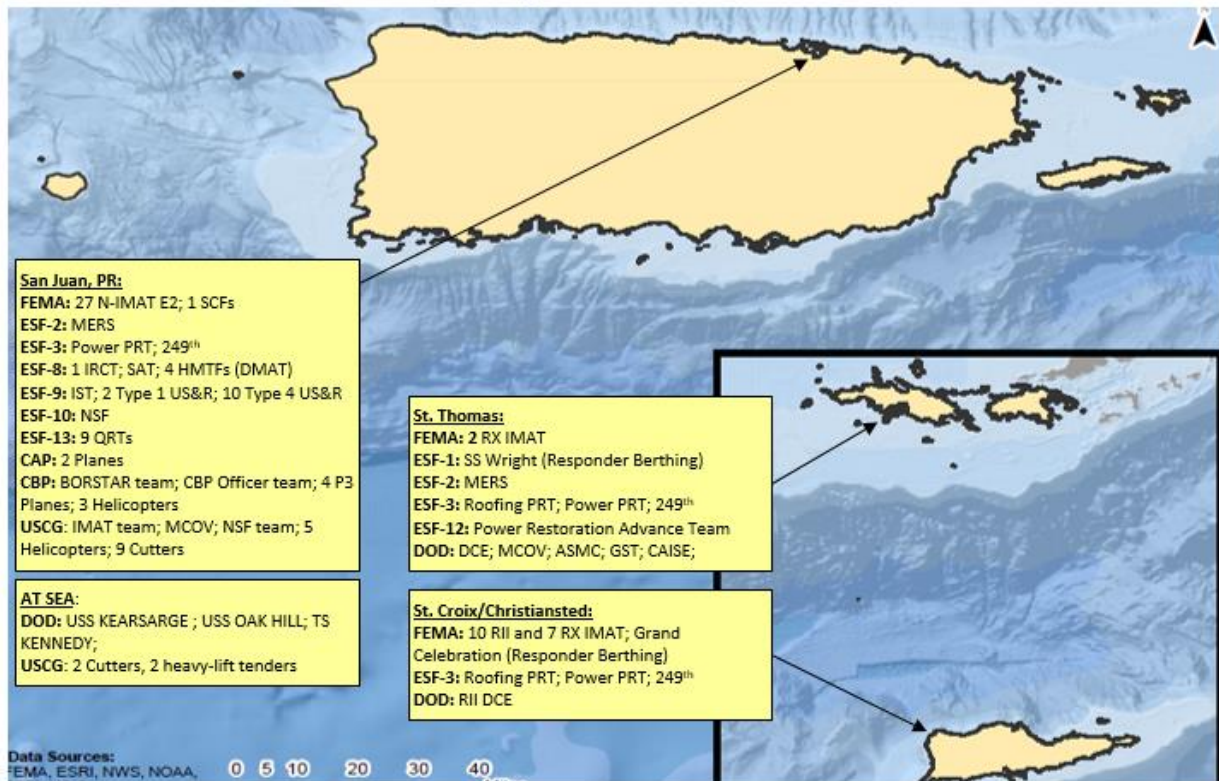
*Please see ESF 7 logistics section for additional commodities expected to be delivered by air and sea

Current OCONUS FEMA Commodities Laydown (as of September 25, 1:00 a.m. EDT)



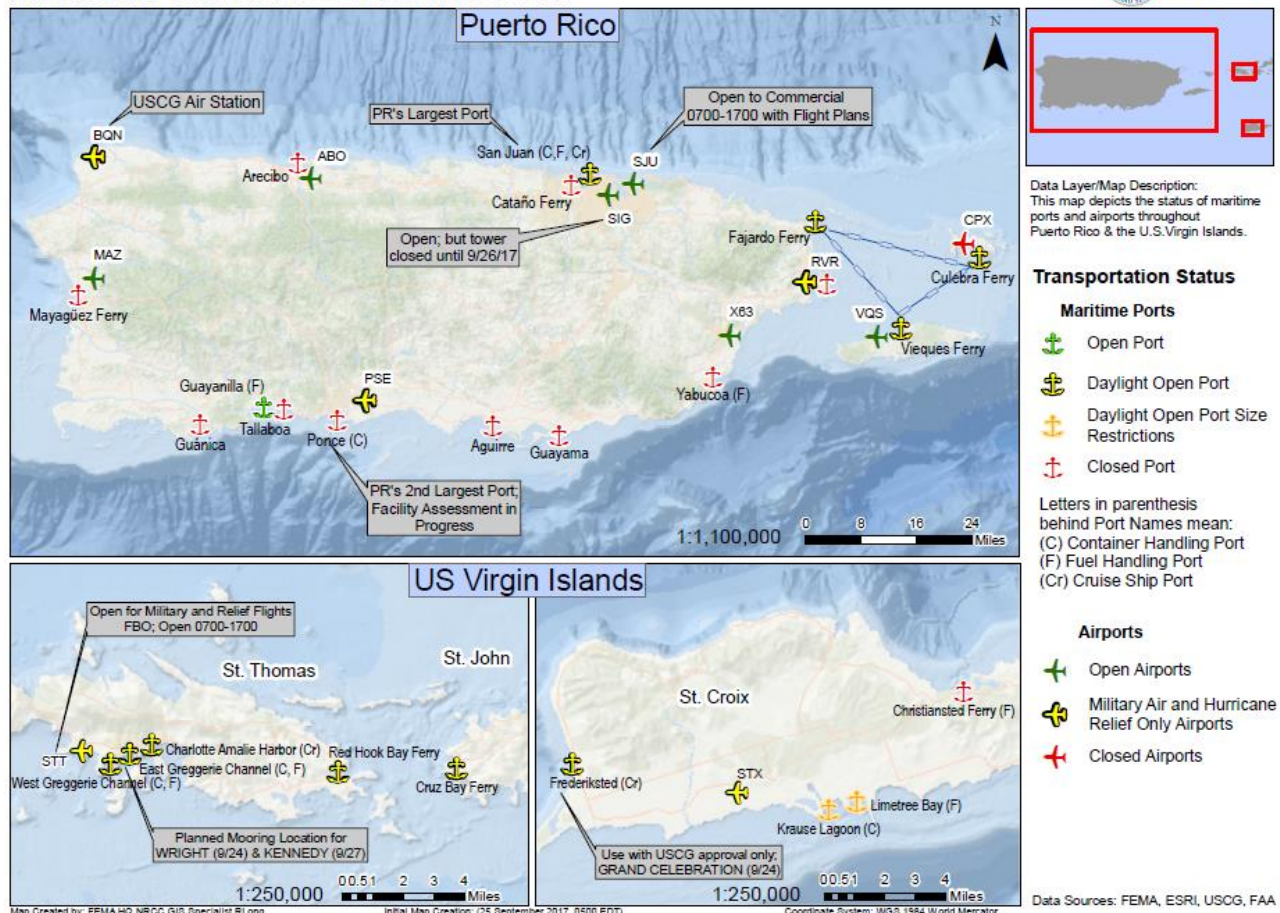
Maria Force Laydown

As of Sep 25, 2017 5:00 a.m. EDT



Maritime Ports & Airports Status: PR and USVI (25 September 2017, 0500 EDT)

Hurricane Maria - FEMA-DR-4340-USVI & FEMA-DR-4339-PR



Recovery Snapshot
Post-Tropical Cyclone Irma
Monday, September 25, 2017 (5:00 a.m. EDT)
Updates in Blue

FEMA Headquarters:

- On September 24, FEMA authorized the use of the Sheltering and Temporary Essential Power (STEP) Pilot Program for DR-4337-FL (*Recovery Update, September 24, 2017, 3:30 p.m. EDT*)

Declarations:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region IV				
Georgia	9/15: DR-4338	5 counties	All	75%
Alabama	9/11: EM-3389		All 67 counties and Poarch Band of Creek Indians	75%
Florida	9/10: DR-4337	48 counties	All 67 counties	75% 100% (Cat B) for 30 days
Seminole Tribe of Florida	9/8: EM-3388	-	Whole Tribe	75%
South Carolina	9/7: EM-3386	-	All 46 counties and Catawba Indian Nation	75%

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Georgia	<ol style="list-style-type: none"> Deliver Individual Assistance Open Disaster Assistance Centers Conduct IA & PA preliminary damage assessments Public Information 	Not yet reported
Florida	<ol style="list-style-type: none"> Temp Roofing Infrastructure Branch established a critical infrastructure cell to develop recovery strategies from the collection and analysis of verified PDA data. PDAs are scheduled to begin 09/25/2017 with applicant briefings beginning 9/27/2017. Solution needed for housing in Lee, Hendry, and Collier Counties. Task force established. Working with State partners to find additional locations for DRCs, DRC just opened at Florida Gulf University but space is not large enough to handle the flow of survivors 	<ul style="list-style-type: none"> Staffing and collateral material for Individual Assistance and Disaster Survivor Assistance missions Language interpreters, Spanish and Creole (Haitian) Pace of Individual Assistance payments Sufficient debris removal resources Survivors continue to request temporary housing as shelters are closing

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia	<ul style="list-style-type: none"> Destroyed: 44 structures Major Damage: 170 structures Minor Damage: 109 structures Affected Habitable: 122 structures 	PA PDAs: Total \$29.6 M <ul style="list-style-type: none"> Category A: \$14.4M Category B: \$5.5M Category C: \$4.6M Category D: \$0.1M Category E: \$1.6M Category F: \$1.9M Category G: \$1.4M
Florida	Scheduled to begin September 25	

Interagency Coordination/Recovery:

• Recovery Support Function (RSF): Housing Recovery

Individual Assistance (as of 09/24/2017, 7:02 p.m. EDT)				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	9,641	\$1,357,865	\$1,328,923	\$28,942
Florida	1,415,215	\$502,382,055	\$328,567,766	\$173,814,289
Puerto Rico	3,400	\$269,687	\$129,639	\$140,048
U.S. Virgin Islands	5,752	\$4,592	\$4,592	Not yet reported

Housing Inspections (as of 09/24/2017, 7:02 p.m. EDT)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	12	1,523	440	29%
Florida	1,106	372,469	43,612	11.7%
Puerto Rico	23	1,225	474	38.7%
U.S. Virgin Islands	0	4,349	4	0.09%

National Flood Insurance Program Claims Estimate (as of 09/24/2017, 11:02 a.m. EDT)		
State	Claims Submitted	Advanced Payments to Insured Survivors
Florida	Over 19,000	Over \$13,500,000
Georgia	Over 1,700	Over \$1,400,000
South Carolina	Over 1,800	Over \$878,000
U.S. Virgin Islands	30	
Puerto Rico	4	
Alabama	1	

* Over \$15.7M in advance payments issued to insured survivors of Hurricane Irma as of September

○ Temporary Housing

Transitional Sheltering Assistance (as of 09/24/2017, 11:18 p.m. EDT)		
State	Households Checked In to Hotel	Eligible
Florida	6,441	486,814

○ US Department of Housing and Urban Development (HUD) (no change from 9/20/2017)

Hurricane Irma - Florida	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	0	0	0	0
Public and Indian Housing	0	0	0	0
Healthcare and Hospitals	104	804	0	100
Total	104	804	0	100

Hurricane Irma - Georgia	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	0	0	0	0
Public and Indian Housing	0	0	0	0
Healthcare and Hospitals	3	50	0	0
Total	3	50	0	0

Hurricane Irma - South Carolina	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	0	0	0	0
Public and Indian Housing	0	0	0	0
Healthcare and Hospitals	5	88	0	0
Total	5	88	0	0

- **RSF: Economic Recovery**

- USDA Risk Management Agency

State Specific Crop Insurance Information for Hurricane Irma as of 9/4/2017			
	Florida	Georgia	Puerto Rico*
Liabilities	\$2.3 billion	\$818.6 million	\$2.3 million
Largest Crop Liability (amount)	Orange Trees (\$1.1 billion)	Cotton (\$581.2 million)	Coffee (\$932,742)

**PR crop liability was \$53,445,686 for 2016 Reinsurance Year. As of June 9, 2017 only \$2.3 million of liability was reported and available through the RMA Summary of Business.*

- USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Florida	n/a
Sept 10-Sept 12: Georgia	\$338,272,398
Sept 18-Sept 22: Louisiana	\$41,000,000

Total Combined \$ Loss for Crops/Livestock by Hurricane (as of 09/24/2017, 11:02 a.m. EDT)	
Total Irma Hurricane Total	\$338,272,398

Recovery Snapshot
Post-Tropical Cyclone Harvey
Monday, September 25, 2017 (5:00 a.m. EDT)
Updates in Blue

FEMA Headquarters:

- **Recovery**
 - Two additional counties authorized for direct temporary housing and permanent housing construction on September 23 for DR-4332 Texas: Matagorda and Victoria counties (Recovery Update, September 24, 2017, 12:56 a.m. EDT)

Declarations:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	8/25: DR-4332	39 counties	46 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter

Recovery Priorities, Issues, and Challenges

State	Recovery Priorities	Issues/Challenges
Texas	<ol style="list-style-type: none"> 1. Sheltering and temporary housing 2. Debris Removal 3. Collect and disseminate accurate incident information to improve decision-making 4. Accurately track incident costs associated with assigned resources for cost recovery. 	Not yet reported

Damage Assessments

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Texas	Not yet reported	34 counties requested, 20 counties complete, 4 counties ongoing, 10 counties withdrawn

Interagency Coordination/Recovery:

- **RSF: Housing Recovery**

Individual Assistance (as of 09/24/2017, 7:02 p.m. EDT)				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	808,633	\$666,507,675	\$476,033,244	\$190,474,431

Housing Inspections (as of 09/24/2017, 7:02 p.m. EDT)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	2,025	519,275	225,494	43.4%

National Flood Insurance Program Claims Estimate (as of 09/24/2017, 11:02 a.m. EDT)		
State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	Over 87,000	Over \$759,000,000
Louisiana	Over 470	Over \$1,100,000

- Temporary Housing

Transitional Sheltering Assistance (as of 09/24/2017, 3:07 p.m. EDT)		
State	Households Checked In to Hotel	Eligible
Texas	24,164	325,859

- Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 09/24/2017, 11:02 a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	43,3365	60%	4,964	\$416,629,700	\$83,930

○ U.S. Department of Housing and Urban Development (HUD) (as of 09/23/2017, 7:35 p.m. EDT)

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	0	3,063	844
Public and Indian Housing	42	0	358	0
Healthcare and Hospitals	40	997	0	676
Total	536	997	3,421	1,520

● **RSF: Economic Recovery**

○ SBA Business Loans

SBA Business Loans (as of 09/24/2017, 11:02 a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	2,759	66%	397	\$36,964,400	\$93,109

○ U.S. Department of Agriculture (USDA) Risk Management Agency

State Specific Crop Insurance Information for Hurricane Harvey (as of 9/23/2017)		
	Texas*	Louisiana **
Liabilities	\$792.4 million	\$133.5 million
Largest crop liability (total)	Cotton (\$352.3 million)	Rice (\$104.1 million)
Policies received ++	>34,000	>2,900
Units Covered (acres) ++	4.9 million	>504,000

* Crops removed from calculation are AF/PRF, Cabbage, Oats, Onions, Potatoes and Wheat

** Parishes included are Acadia, Allen, Beauregard, Calcasieu, Cameron, Jefferson Davis, Vermillion and Vernon

++ Information collected from RMA's Summary of Business Reports <http://www.rma.usda.gov/data/sob.html>

○ USDA Farm Service Agency

Total Combined \$ Amount Loss for Crops/livestock by State	
Sept 18-Sept 22: Texas	\$31,961,810

○ USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
40,621	23,384	59,904	\$ 18,947,434	1,895	704,511	1,873,026	145,111,822	\$145,111,822

(Recovery Update, September 24, 2017, 11:02 a.m. EDT)